

FIG. 1

Headings and interface components change from industry-to-industry

Image preview / "viewport"

**FIG. 1**

Workstation database interface. Data components are industry-specific. The example here uses an Animal Rescue / Shelter as the industry case-in-point.

Database: Pet Type: dog, Name: Bondo, Breed: Border Collie, Color: black and white border patterned, Coat Length: long, Weight: 30, Ears: folded, Age Class: Young, Sex: Male, Housebroken: Yes.

Internet / Upload: Show All Pets, Show Active Pets Only, Show Inactive Pets Only.

Shelter Information: Image preview / "viewport".

Buttons: New Dog, Import, Export, Search.

Status: Record 2 of 2.

Optional "import" buttons

FIG. 1A

FIG 1A.

## FIG. 2

Unique workstation information to that identifies the workstation to the online database.

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Database Internet / Upload System / Help

Shelter Information

Shelter Name: United Dumb Friends League

Street / PO Box: 123 4th Street

City: Hometown State: CO Zip: 81602

Tel. Phone: 9709468835 Default Fax: 30

Internet

Default Dialup Connection: SuperNet

Shelter E-Mail: jodie@duell.org

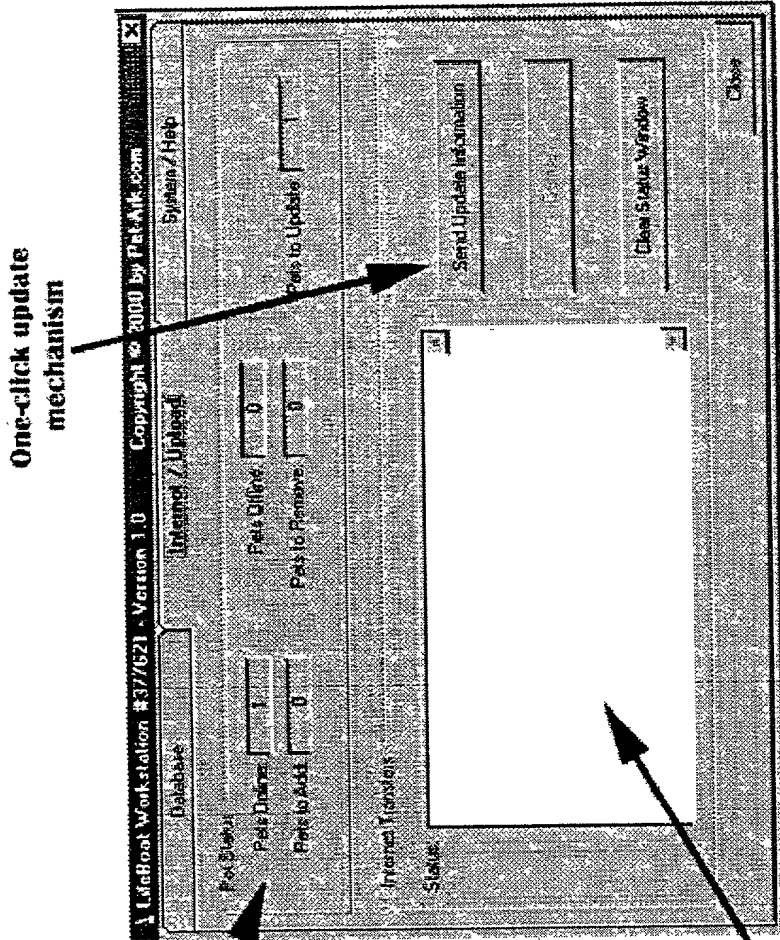
Online Information

Unique Workstation ID: 377821

LifeBoat FAQs / Updates

Close

10/22/90 20:24:58.0



Online statistics of  
Items in inventory

One-click update  
mechanism

## FIG. 3

Online status of all items  
entered at the workstation  
and a "one-click" update  
mechanism.

Internet session display gets  
updated during an online transfer  
of all "new" information to the online database

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fig4.jpg at www.rockmedia.com

## FIG. 4

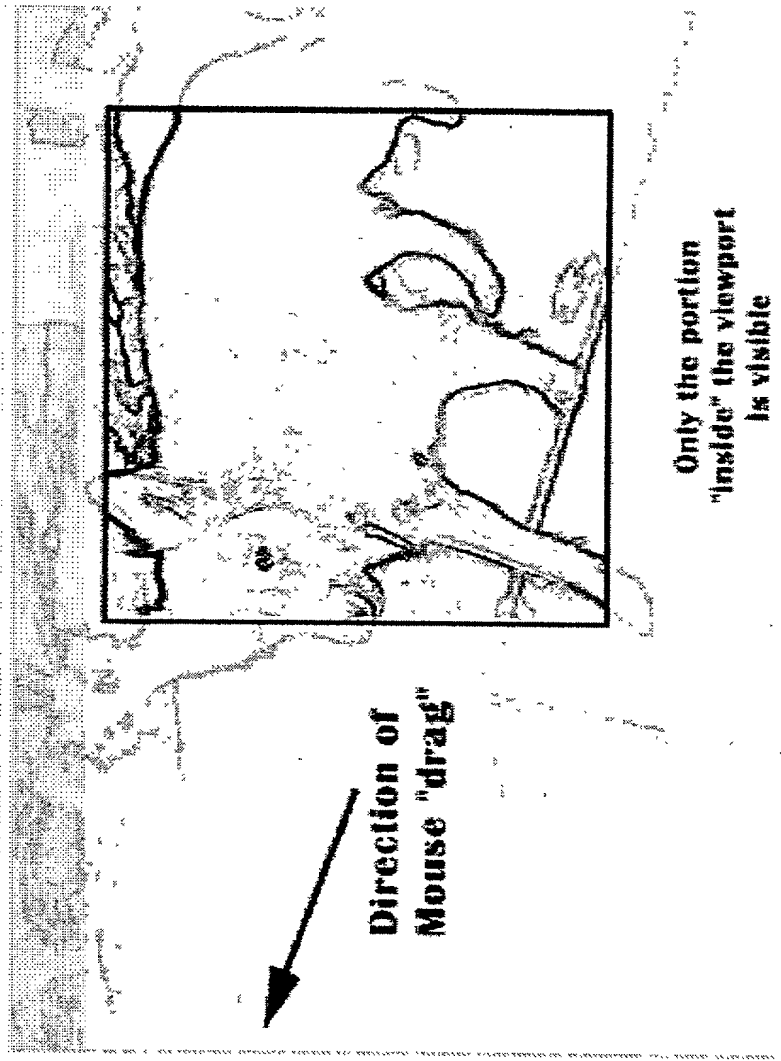
Shown here is the viewport along with the original digital image. Currently the subject is too big and not centered.

The "viewport"



Only the portion  
"Inside" the viewport  
is visible

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**FIG. 5**  
The image is dragged  
to quickly center the  
subject in the viewport.

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All non-visible areas  
of the image are  
discarded upon  
an "Accept"

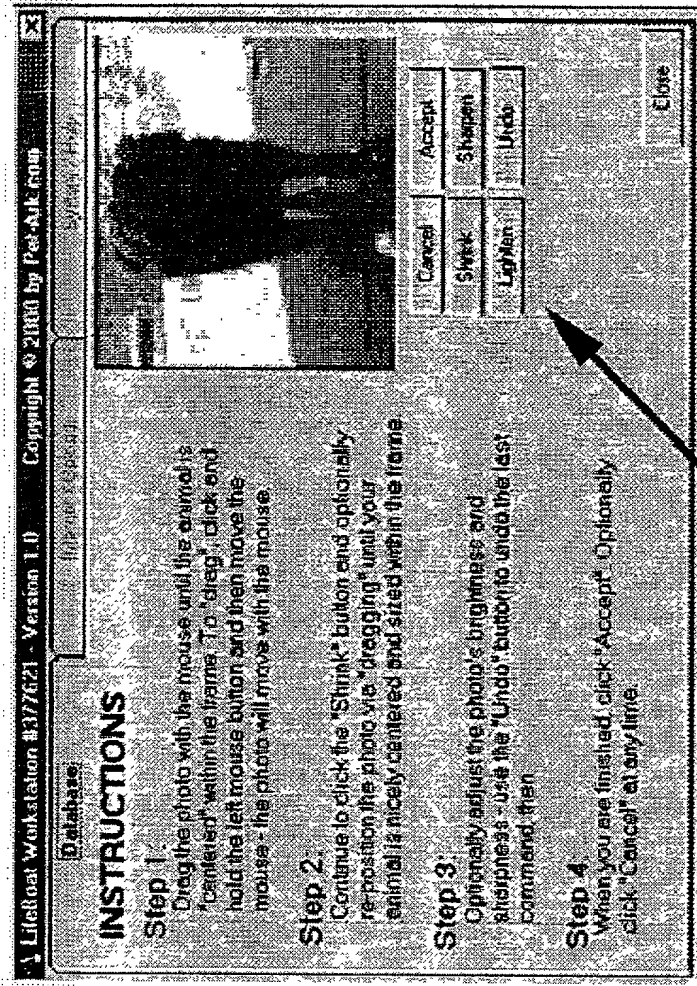
Only the portion  
"inside" the viewport  
is visible

Overall image reduced in size after one or more "Shrink" button clicks

## FIG. 6

A few clicks of the  
"Shrink" button reduces  
the overall image, and  
hence the subject, to  
complete the centering.

One more click on the  
"Accept" button crops  
the image to the size  
of the viewport.

**FIG. 7**

Optional digital image enhancements are performed via one-click buttons.



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Default image used  
for all new inventory items

LifeBoat Workstation #377621 - Version 1.0 Copyright © 2000 by Pet-Ark.com

Database: Pet Category: ☒ Dog ☐ Cat System/Help

Internal/Upload

PetArk ID: 377621-6

Name: Allie Ad ID: 423783

Breed(s): Alredale ☐ Mix

Breed(s): In/a

Color(s): brown and red Pick Colors...

Coat Length: short Weight: 45

Eventual Size: Large Age: 2

Age Class: Young Fee: \$20.00

Sex: Female Started: 6/20/00

House broken: ☒ Expires: 7/4/00

Altered: ☒ Internet / Upload: Add

SlapMaker

Record 2 of 2

New Previous Delete Search

NO PHOTO

USE ONLINE  
DEFAULT FOR  
THIS BREED

Click "Browse..." to Select

pet-ark.com

Browse:

☐ Show Active Pets Only  
☐ Show Inactive Pets Only  
☒ Show All Pets

Close

FIG. 8

New entries automatically use  
a "default image" until an actual  
image of the item is specified.

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Optional representation  
of the actual item

LifeBeat Workstation #377621 - Version 1.0    Copyright © 2000 by Pet-Ark.com

Database

Pet Category: ☒ Dog ☐ Cat

Name: Alfie

Breed(s): Airedale

Breed(s): n/a

Color(s): brown and red

Coat Length: short

Eventual Size: Large

Age Class: Young

Sex: Female

House broken: ☒

Altered: ☒

Pet-Ark ID: 377621-6

Alt ID: 423783

☐ Mik

Weight: 45

Age: 3

Fee: \$20.00

Started: 6/20/00

Expires: 7/4/00

Internet / Upload: Add

Record 2 of 2

New


Previous

Next

Delete

Search

System / Help



Browse...

Print...

Refresh...

Close

☐ Show Active Pets Only

☐ Show Inactive Pets Only

☒ Show All Pets

FIG. 9

Optional default image could be a  
"representation" of the original item.

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## FIG 10.

Automatic paragraph generation based on data entry and industry-specific interface options.

Options based off of industry-specific descriptors

Automatic generation of paragraph(s) based of selections above and data entry components (FIG 1).

**Generate** [Database] [Internet/Upload] [System/Help]

Select all options that apply to this pet. Click "Generate" to create the story based off your input. You may also optionally "hard edit" the story. Click "Submit" when through.

Options based off of industry-specific descriptors

Dog's status: ☐ an injury ☐ Location: ☐ at the shelter ☐ indoors / outdoors ☐ indoors

Fence: ☐ must have a fenced yard ☐ Habitat: ☐ indoors ☐ outdoors

Obedience: ☐ has some obedience training ☐ Sleeps: ☐ indoors

Other (select ALL that apply)

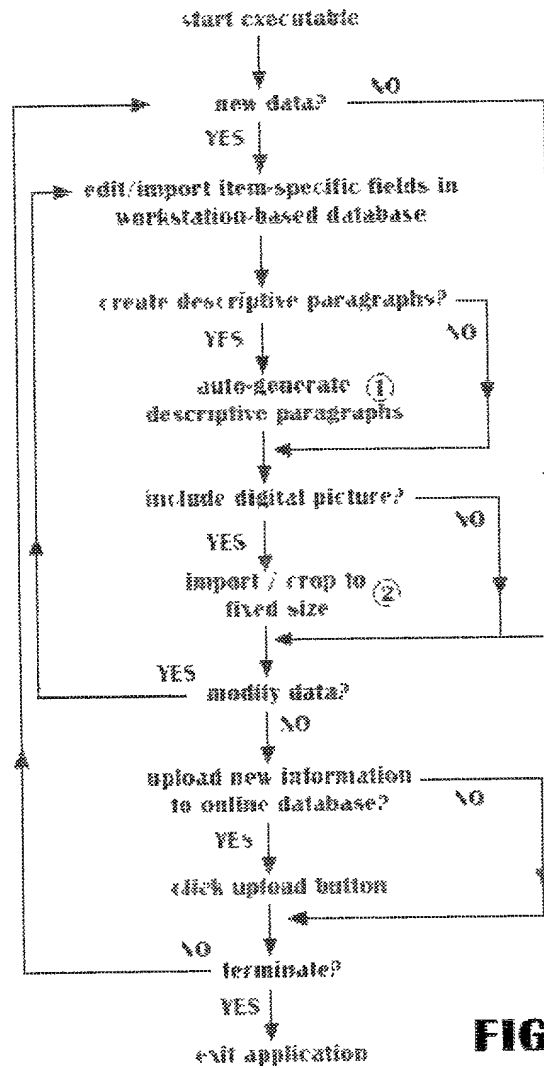
<input type="checkbox"/> young kids	<input checked="" type="checkbox"/> adults only	<input type="checkbox"/> playful	<input type="checkbox"/> aggressive	<input type="checkbox"/> submissive	<input type="checkbox"/> jump fences
<input type="checkbox"/> older kids	<input checked="" type="checkbox"/> dogs	<input checked="" type="checkbox"/> happy	<input type="checkbox"/> gentle	<input type="checkbox"/> likes to dig	<input type="checkbox"/> wants to please
<input type="checkbox"/> all breeds	<input checked="" type="checkbox"/> cat	<input checked="" type="checkbox"/> sweet	<input checked="" type="checkbox"/> energetic	<input type="checkbox"/> moody	<input type="checkbox"/> need a little work
<input type="checkbox"/> adults	<input type="checkbox"/> livestock	<input type="checkbox"/> friendly	<input checked="" type="checkbox"/> barks	<input type="checkbox"/> chews a lot	<input type="checkbox"/> jumps on people

Bonds is a 15 year old male Belgian Sheepdog mix with a long length black coat. This rusted over is happy, energetic, and barks. He gets along great with adults only, other dogs, and cats. He is housebroken, and has some obedience training. Bonds is an indoor / outdoor animal that sleeps indoors, and he must have a fenced yard. He is currently living at the shelter due to an injury. If you would like more information on Bonds, call United Dumb Friends League at xxx xxx x or email xxx xxx x

Automatic generation of paragraph(s) based of selections above and data entry components (FIG 1).

[Generate] [Submit] [Cancel]

# Overview: Computer Software System and Method to Expedite Data Entry for Databases



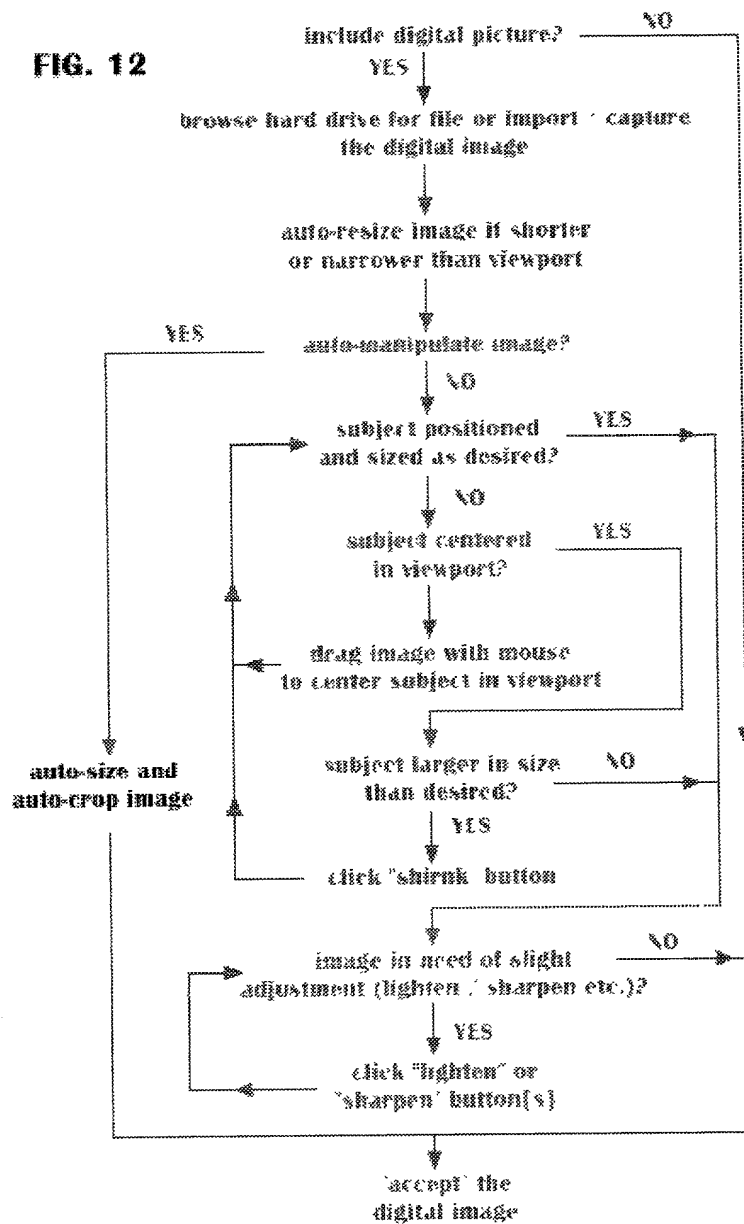
**FIG. 11**

1: Refer to 'FIG. 13'

2: Refer to 'FIG. 12'

## Digital Image Optimization for Database Presentation

FIG. 12



## Automatic Descriptive Paragraph Generation

FIG. 13

